

Amendments to the Claims:

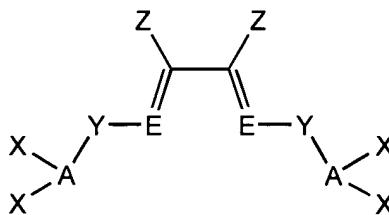
This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A catalyst composition for use in an olefin polymerization process, the catalyst composition comprising:

a late transition metal selected from the group consisting of IUPAC convention Group 7 (Mn column), Group 8 (Fe column), Group 9 (Co column), Group 10 (Ni column) and Group 11 (Cu column) transition metals; and

a ligand complexed with the late transition metal, the ligand being characterized by the general formula:



wherein each E is ~~N~~ ~~an electronegative atom capable of donating electrons to the late transition metal;~~

each Y is a linking group independently selected from the group consisting of -O-, -NR-, -CR₂-, -S-, -PR-, -SiR₂-, and -G(CR₂)_m-, where each R is a substituent independently selected from the group consisting of H, halide, alkyl, substituted alkyl, heteroalkyl, aryl, substituted aryl, and heteroaryl, and where one or more R substituents can be incorporated in a ring structure, G is selected from the group consisting of O, N, and CR₂, and m is an integer greater than or equal to 1;

each A is a Lewis acid;

each X is an electron-withdrawing group independently selected from the group consisting of Cl, F, Br, I, CF₃, C₆F₅, H, alkyl, C₆H₅, C₆R₅, and CR₃, where each R is a substituent independently selected from the group consisting of H, halide, alkyl, substituted alkyl, heteroalkyl, aryl, substituted aryl, and heteroaryl, and where one or more R substituents can be incorporated in a ring structure;

each Z is a substituent independently selected from the group consisting of H, halide, alkyl, substituted alkyl, heteroalkyl, aryl, substituted aryl, and heteroaryl, where one or more of X, Y and/or Z can be incorporated in a ring structure;

wherein the late transition metal is also complexed with one or more additional ligands selected from the group consisting of ligands that are capable of adding to an olefin in a polymerization process and ligands that are capable of being displaced by the olefin.

2. (canceled).

3. (original) The composition of claim 1, wherein:

each A is independently independently selected from the group consisting of Al, B, Ga, In, Tl, Sc, Y, La and Lu.

4. (original) The composition of claim 1, wherein:

the late transition metal is nickel, palladium or platinum.

5. (original) The composition of claim 1, wherein:

the late transition metal is nickel, palladium or platinum;

A is aluminum or scandium;

Y is -O-, -S-, or -CH₂-;

X is Cl, F, CF₃ or H; and

Z is H.